

Fee Transmittal

for FY 2002

DEC 04 2001

(Substitute form)

Patent fees are subject to annual revision.

Total amount of payment

\$210.00

Complete if Known

Application Number	09/930,440
Filing Date	August 16, 2001
First Named Inventor	Betenbaugh, et al.
Examiner Name	To Be Assigned
Group Art Unit	1651

Attorney Docket Number

PF509P2

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

Charge Any Additional Fee Required
 Under 37 CFR §§ 1.16 and 1.17
 Applicant claims small entity status.
 See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other*

Fee Calculation

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) \$0.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20*	\$18.00	
Multiple Dependent	-3*	\$84.00	

Large Entity	Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)
103	18	203	9
102	84	202	42
104	280	204	140
108	84	209	42
110	18	210	9

Claims in excess of 20
 Independent claims in excess of 3
 Multiple dependent claim, if not paid
 " Reissue independent claims over original patent
 " Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$0.00

* or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	Surcharge - late filing fee or oath	\$130.00
127	50	227	Surcharge - late provisional filing fee or cover sheet	
139	130	139	Non-English specification	
142	1,280	242	Utility issue fee (or reissue)	
195	300	195	Publication fee for early, voluntary, or normal publication	
179	740	279	Request for Continued Examination (RCE)	
098	130	098	Processing fee, except in provisional applications	
126	180	126	Submission of Information Disclosure Statement	
123	50	123	Processing fee for provisional applications	
146	740	246	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	For each additional invention to be examined (37 CFR 1.129(b))	
145	100	145	Certificate of correction	
147	2,520	147	Request for ex parte reexamination	
099	8,800	099	Request for inter partes reexamination	
148	110	248	Statutory disclaimer	
115	110	215	Extension for reply within first month	
116	400	216	Extension for reply within second month	
117	920	217	Extension for reply within third month	
118	1,440	218	Extension for reply within fourth month	
128	1,960	228	Extension for reply within fifth month	
119	320	219	Notice of appeal	
120	320	220	Filing a brief in support of an appeal	
121	280	221	Request for oral hearing	
122	130	122	Petitions to the Commissioner	
140	110	240	Petition to revive unavoidably abandoned application	
141	1,280	241	Petition to revive unintentionally abandoned application	
091	1,280	091	Acceptance of an unintentionally delayed claim for priority	
561	3	561	Printed copy of patent, regular service	
581	40	481	Recording each patent assignment per property (times number of properties)	\$80.00

Other fee (specify):

Other fee (specify):

Other fee (specify):

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$210.00

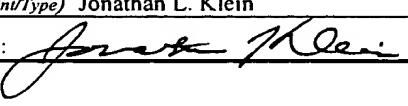
Submitted By

Complete (if applicable)

Name (Print/Type) Jonathan L. Klein

Registration No.: 41,119

Telephone 301-251-6015

Signature: 

Date: 12/4/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/930,440	08/16/2001	Michael J. Betenbaugh	PF509P2

22195
HUMAN GENOME SCIENCES INC
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

CONFIRMATION NO. 1490

FORMALITIES LETTER



OC00000006843515

Date Mailed: 10/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

12/03/2001 BADRAHA1 00000013 083425 09930440

01 Feb 2005 130.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



DEC 14 2001 In re application of: Betenbaugh, et al.

Application Serial No.: 09/930,440

Group Art Unit: 1651

Filed: August 16, 2001

Examiner: To Be Assigned

For: Engineering Intracellular Sialylation Pathways

Attny Docket No.: PF509P2

RESPONSE TO NOTICE TO FILE MISSING PARTS

BOX MISSING PARTS
Commissioner For Patents
Washington, D.C. 20231

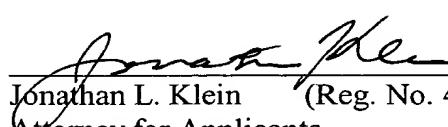
Sir:

In response to the Notice to File Missing Parts mailed October 4, 2001, submitted herewith is (1) an executed Declaration and Power of Attorney (in 2 counterpart(s); (2) a Fee Transmittal for FY 2002 with appropriate fee(s) (in duplicate); (3) a copy of said Notice for entry in the above-referenced application; and (4) an Amendment with Statements Under 37 C.F.R. § 1.825(a) and (b); and (5) an Information Disclosure Statement Pursuant to 37 C.F.R. § 1.56 with accompanying forms PTO/SB/08A (10-96) (11 pp.).

The Commissioner is hereby authorized to charge the required fee of \$130.00, and any other fee deemed necessary, to Deposit Account No. 08-3425.

Respectfully submitted,

Dated: 12/4/01


Jonathan L. Klein (Reg. No. 41,119)
Attorney for Applicants

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, Maryland 20850
301-251-6015 (telephone)

JLK/DAS/kp